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PHOTO INTELLIGENCE MEMORANDUM

HANOI TO PING SIANG RAILROAD

GP/I-32

(Project 72.141)

October 1954

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China Intelligence Summary

HANKE TO FING SHANG RAILROAD

CP/L-32

(Project 72.142)

October 1954

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HANOI TO PING SIANG RAILROAD

This memorandum with attached map is in answer to a request from ORR/S/CST for information concerning the reported inoperational status of the Hanoi to Ping Siang railroad as determined from a study of the latest available aerial photography. Hanoi to Lang Son is covered by small scale [REDACTED] dated [REDACTED] United States Navy photo coverage from Lang Son to Ping Siang is dated [REDACTED]

Rails and ties have been removed and all bridges have been destroyed from WJ967328 (a bridge five miles north of Hanoi) to Lang Son. There are numerous cuts in the rail bed in this section. Little use is made of the rail bed other than for foot or other light local traffic.

In the hilly region south of Lang Son for a distance of approximately thirty miles the rail line is tortuous and winding over a large part of this section. It appears that the rail bed is overgrown with vegetation and has suffered some degree of erosion and general deterioration.

The bridge at Lang Son has been repaired for foot traffic and light vehicular use. From a point two miles north of Lang Son to Ping Siang the rail bed appears to be in good condition and in use as a road. There is indication of grading and repair work on the section from Dong Dang to Ping Siang.

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The rail line from Hanning appears operational to Ping Siang. The presence of rail cars or the condition of the marshalling yard at Ping Siang could not be determined due to the small scale of oblique photography.

25X1D

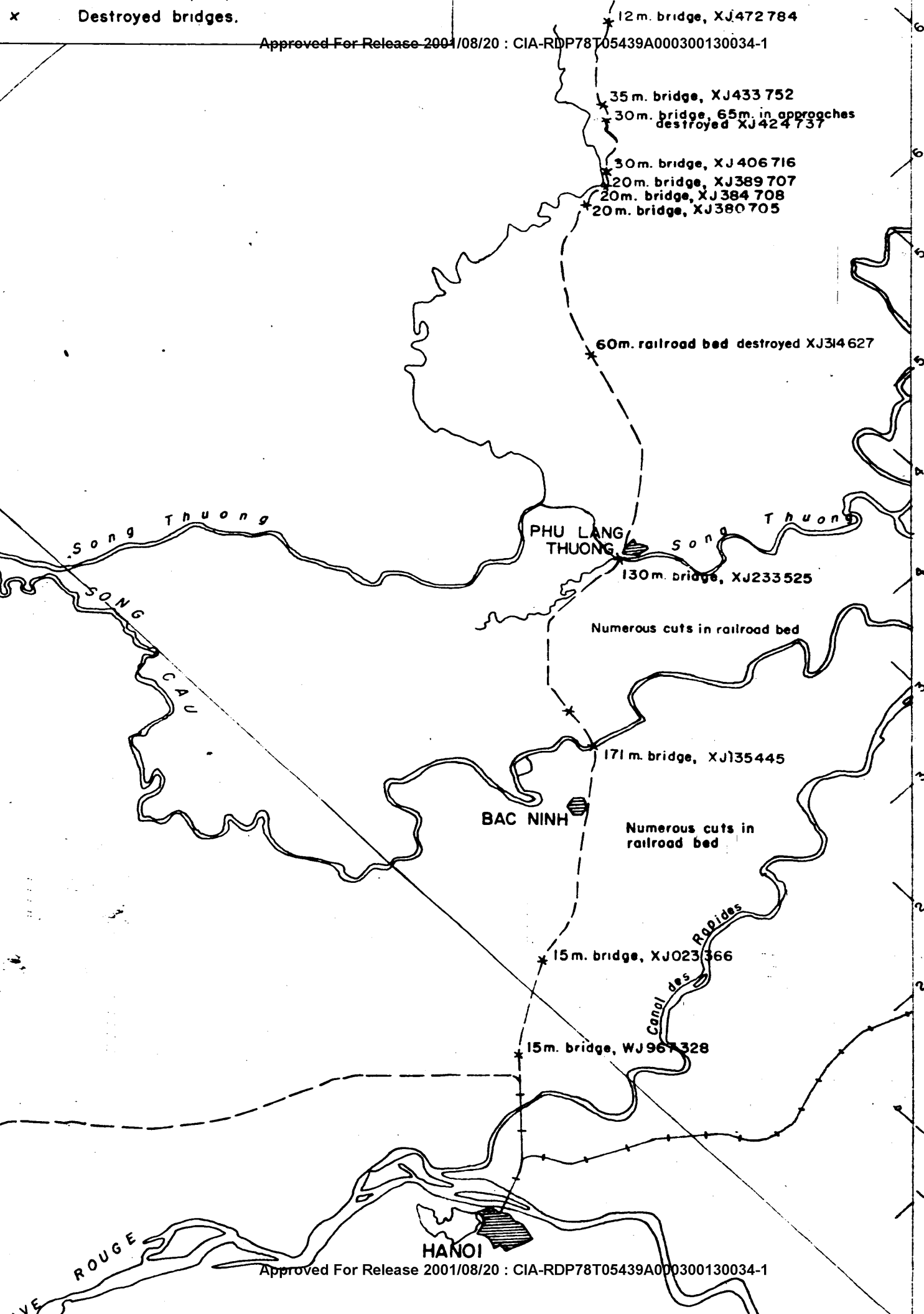


USAF Aeronautical  
Map References: 616 D III and 616 C II, 1/250,000.  
AMS Series 2275 Sheet No. 49 (West), 38 (West),  
36 (East), and 28 (West), 1/100,000.

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x Destroyed bridges.

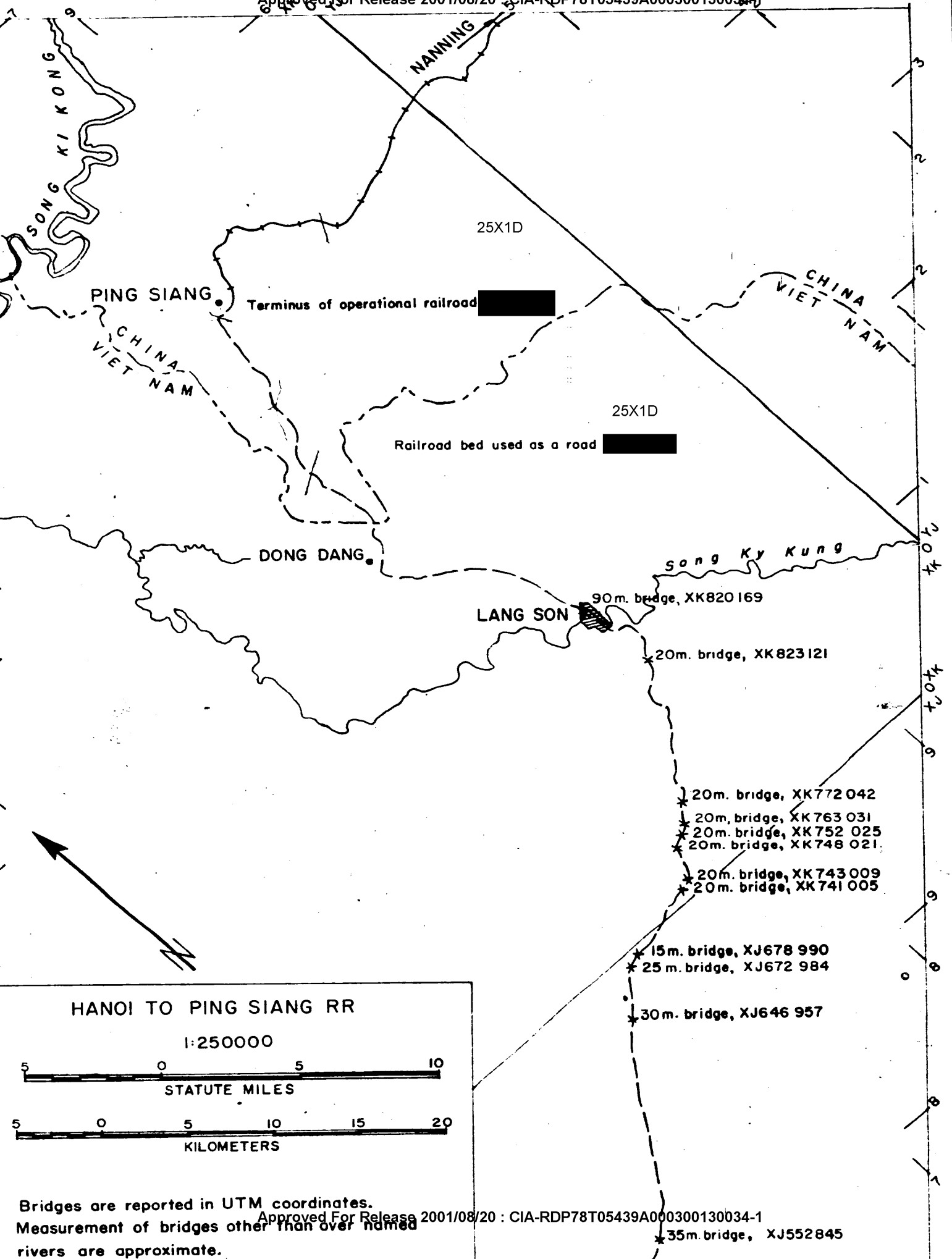
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Bridges are reported in UTM coordinates.  
Measurement of bridges other than over named rivers are approximate.

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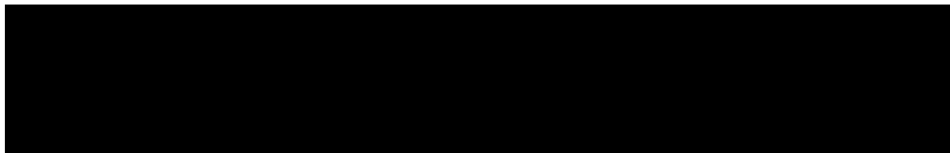
15 September 1954

POSSIBLE AIRCRAFT LANDING SITES IN A SELECTED AREA OF U.S.S.R.

This report is submitted in answer to a request from D/GG to furnish a general description of aircraft landing site possibilities in a selected Escape and Evasion Area in the U.S.S.R.

This area is rather severely dissected by streams and their feeder tributaries. However, possible landing sites in this area include several level roads and a few level fields lying between the headwaters of the various tributaries.

The following criteria should govern the selection of a field for a possible landing site:

1. 
2. Land lengthwise along a cultivated field to minimize unevenness caused by plowing and drainage furrows.
3. Observe the prospective landing site for possible obstructions. There are a few fences and bush rows in this region.

25X1D

The several roads and field roads in the area offer possible landing sites. There are several villages in the area and some houses are located along main roads and streams. However, there are several isolated stretches of roads where un-detected landings might be possible.

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PHOTO INTELLIGENCE MEMORANDUM

25X1A



GP/I-29

(Project 72.138)

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**Photo Intelligence Memorandum**

25X1A



**GP/L-29  
(Project 72.138)**

**21 September 1954**

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25X1A

[REDACTED]

This memorandum is submitted in answer to a request from DD/P to furnish an elevation difference and a horizontal ground distance between two selected points imaged in three photographic negatives supplied by the requester.

In order to accomplish this, contact prints and glass plate diapositives were made from the negatives. The elevation measurements were made from the glass plates by means of the Wild A-7 stereophotogrammetric plotter.

The enclosed annotated photograph indicates the two points under consideration as "J" and the point midway between "A" and "B".

25X1D  
25X1D  
25X1D  
The elevation of the point midway between "A" and "B" has been determined to be [REDACTED] meters. The elevation of point "J" has been determined to be [REDACTED] meters. The elevation difference is [REDACTED] meters. The ground distance between "J" and the point midway between points "A" and "B" has been determined as [REDACTED]

The elevation of point "J" was determined by interpolation of the graph of the profile determined by the elevations furnished by the requester. This was necessary as insufficient forward overlap between exposures was provided for the required aerotriangulation.

25X1D

[REDACTED]

The elevation difference is believed to be quite reliable. The latest instrument available was used. However, excess tilt (7.06 grads), insufficient overlap of the photographs (less than 50%) and the fact that the focal length/flying altitude relationships were questionable are possible causes of error. In spite of these possible causes of error, the elevations of other ground points and the building heights furnished by the requester were checked and [REDACTED] elevation, with those supplied.

25X1D

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25X1D

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PHOTO INTELLIGENCE MEMORANDUM

25X1A



GP/I-30

(Project 70.132)

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PHOTO INTELLIGENCE MEMORANDUM

25X1A  


GP/I-30  
(Project 70.132)

20 September 1954

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25X1D

PHOTO INTELLIGENCE MEMORANDUM

25X1A

GP/I-28  
(Project 72.135)

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Photo Intelligence Memorandum

25X1A

GP/I-28  
(Project 72.135)

3 September 1954

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25X1A



This project, requested by DD/P, consisted of the selection and annotation of 12 small land areas in a Satellite nation. These sites were selected to meet specified operational requirements.

The requester supplied the photography. The photographs were studied and the selected sites and pertinent data were delineated directly on the photography, which was returned to the requester. No additional report was desired nor prepared.

S-E-C-R-E-T

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**S-E-C-R-E-T**

**Photo Intelligence Memorandum**

PROJECT: [REDACTED] 25X1A

OP/L-33  
(Project 72.139)

29 October 1954

**CENTRAL INTELLIGENCE AGENCY  
Office of Research and Reports**

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29 October 1954

POSSIBLE AIRCRAFT LANDING SITES IN A SELECTED AREA OF U.S.S.R.

This memorandum is submitted in answer to a request from D/OG to furnish a general description of aircraft landing site possibilities in a selected Escape and Evasion Area in the U.S.S.R.

This area is predominantly farmland and offers many possible landing sites in the cultivated fields. However, the fields appear to be cultivated in alternate directions, so it would be better to land in one field only. Also, landings should be attempted lengthwise of the cultivation so that cross furrows will not present landing hazards.

There are a few fence rows or hedges separating the fields, and a few wooded areas might also present obstacles to landings. Telephone or power lines were observed only along major roads.

One major stream with numerous tributaries cuts through this area. Landings could probably be made on the fairly level uplands between the tributaries.

Most of the houses in the area are concentrated in small villages but there are a few scattered houses along the major roads.

Field roads between the cultivated fields appear to offer excellent landing site possibilities.

25X6



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25X6



**Map Reference:** Russian Series 1:100,000, NL-37, Sheets 17, 18,  
29, 30.

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25X1A

TECHNICAL INDEX FOR

STUDY

25X1A

This technical index was prepared at the request of D/GG to supplement the [REDACTED] study "A List of References to Soviet Photogrammetric Literature." The index was prepared on the basis of translated titles in English. Subjects are listed alphabetically, followed by the page number of the original study and the item number on that particular page.

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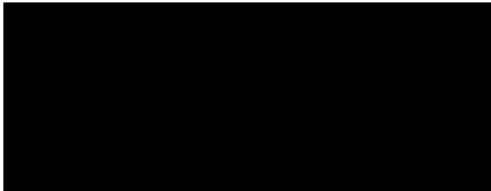
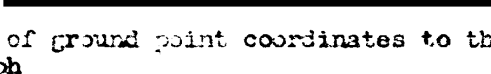
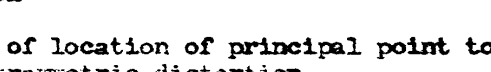
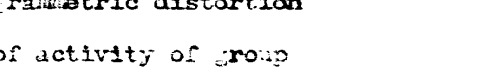
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